

## CONTROL SIGNAL SYSTEM IN SWITCH

### ABSTRACT OF THE DISCLOSURE

A flow control signal system in a switch and a processing method  
5 for a flow control signal system to control the data packets transmitted  
in network is disclosed. The flow control signal system in a switch  
includes an empty buffer counter, N port-packet-counters and N alarm  
units therein. And a processing method is also provided, which includes  
10 steps of sending and storing the data packet into a switch, respectively  
computing the both values of the empty buffer counter and the port-  
packet-counters, alarming an alarming state for informing a port in the  
switch will be overfilled with the data packets, triggering one of (N-1)  
alarm units for stopping other data packets from source ends connected  
15 with the another ports in network to be transported to the switch and  
running the steps disclosed in the present invention to process the data  
packets until all data packets in the switch have been processed.